

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A method of surveying drill holes comprising the steps of feeding a survey tool comprising an inertial survey package into a borehole on the end of a drill string as part of a hole drilling operation, activating the survey tool once drilling is completed, and taking position readings from the survey tool as withdrawal of the drill string is temporarily halted to remove each drill rod from the drill string.

2. (Previously Presented) A method as claimed in claim 1, wherein the survey tool is maintained in a sleeping mode while drilling is undertaken.

3. (Previously Presented) A method as claimed claim in 2, wherein the survey tool is configured to sense the cessation of drilling to activate the survey tool once drilling is completed.

4. (Canceled)

5. (Previously Presented) An apparatus for surveying drill holes using a method incorporating the steps of feeding a survey tool into a borehole on the end of a drill string as part of the hole drilling operation, activating the survey tool once drilling is completed, and taking position readings from the survey tool as withdrawal of the drill string is temporarily halted to remove each drill rod from the drill string, wherein the survey tool includes an inertial survey package and a power source.

6. (Original) An apparatus as claimed in claim 5, wherein the survey tool also includes a data logger.

7. (Previously Presented) An apparatus as claimed in claim 5, wherein the survey tool is mounted to the drill string by a damping system arranged to isolate the survey tool from vibrations and acceleration induced in the drill string.

8. (Currently Amended) An apparatus as claimed in claim 5, wherein the inertial survey package is selected from the group comprising commercially known inertial survey packages, for superior [[25]] characteristics of resistance to vibration and impact from a group comprising commercially known inertial survey packages.

9. (Original) An apparatus as claimed in claim 8, wherein the inertial survey package is selected for superior resistance to vibration and impact when in a sleeping mode.